



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES

William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102

February 21, 2017

Mr. J. Gregory Davenport, P.E.
President
J.R. Wauford & Company Consulting Engineers, Inc.
e-copy: gregd@jrwauford.com
2835 Lebanon Rd.
Nashville, TN 37214

Subject: **Cleveland**
County: Bradley
Wastewater Project Number: 17-0043
Project: Contract 16-01 Peak Wastewater

Dear Mr. Davenport:

The Tennessee Department of Environment and Conservation, Division of Water Resources, acknowledges the receipt of 4 sets of construction documents on February 17, 2017.

The purpose of this project is to construct a diversion structure with weir gates that will divert peak rainfall related flows to the existing pumping station, thereby maximizing the upstream water surface which maximizes the downstream flow to the wastewater treatment plant. This improvement minimizes the volume of diverted flow which reduces the amount stored in the 10 million gallon storage tank, thereby increasing the ability of the system to handle larger and longer rainfall related peak flow events. The existing system operates a single pump and utilizes the level in the existing gravity sewer which can be overly sensitive to level changes resulting in more flow diverted to the tank. The second major component of the subject contract is to install a second smaller pump in the existing wetwell which will allow function as a backup pump and also will be able to pump less flow than the existing large pump, preventing wetwell cycling.

Approval is granted in accordance with certain requirements of the Water Quality Control (WQC) Act of 1977 and Regulations of the Water Quality Control Board. **On the coversheet(s) of the site's set of plans and specifications, an approval date and its expiration date will be stamped by the division. Any indication of tampering with the bound set of documents will be subject to investigation and prosecution.** One complete set of construction documents, bearing the official stamp, must be kept at the construction site.

Approval expires one year from the stamped approval date (February 21, 2017) unless construction is either underway or complete. Any request for extension must be made prior to this expiration date. Significant deviations from the approved plan documents must be submitted and approved in writing before such changes are made. Minor changes made during construction need not have prior written approval. Modifications, however, may be required by this Department should the changes be deemed inappropriate. It is advisable, therefore to obtain prior approval in cases where the significance of the change is uncertain.

The Division of Water Resources is authorized to inspect the construction work to verify compliance with the approved plans and specifications, which are on the site. Therefore, the engineer shall notify our staff at the Chattanooga Environmental Field Office by calling (423) 634-5745 before the start of construction.

Approval of these construction documents should not be construed as a permit for any activities related to this project. Activities which may require a permit under the WQC Act and Regulations include, but are not limited to, the following: streambank vegetation removal; creek crossing(s) for equipment or utility lines; construction within twenty (20) feet of a stream bank; construction in or near a marshy area or wetland, and/or land disturbance equal to or greater than one acre. Additionally, this approval does not authorize connection and use of sewer that will cause or contribute to collection system overflow or overload of receiving wastewater treatment facility.

The Chattanooga Environmental Field Office should also be contacted for determinations regarding whether modification of the existing NPDES or SOP permit, an Aquatic Resource Alteration Permit (ARAP) and/or a National Pollutant Discharge Elimination System (NPDES) construction stormwater permit will need to be obtained prior to the beginning of construction of this project.

The division's most recent TDEC Technical/Engineering Documents, including "Design Criteria for Sewage Works", Chapters 1-17 is available on our website: <http://tn.gov/environment/article/wr-wq-water-quality-reports-publications>.

To expedite matters, please reference the assigned wastewater project number 17-0043 on any future correspondence. If you have any questions, please feel free to contact Miss Julie Harse at (615) 532-0682 or by E-mail at Julie.Harse@tn.gov.

Sincerely,



Vojin Janjić
Manager, Water-Based Systems

cc: Water-Based Systems File
Mr. Philip Luce, Manager, Water Division Engineering, Cleveland Utilities, pluce@clevelandutilities.com
Ms. Angela Young, Multi-Program Coordinator, TDEC Division of Water Resources, Angela.Young@tn.gov